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WELTON
RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH
AND SANITARY INSPECTOR
FOR THE YEAR

1945

LINCOLN :
DONCASTERS LTD., MINT LANE

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WELTON RURAL DISTRICT COUNCIL.

Chairman : MR. W. S. HIPKIN, Toiksey.

Vice-Chairman : MR. G. W. ROBINSON, Scothern.

Treasurer : NATIONAL PROVINCIAL BANK LIMITED, Lincoln.

Clerk and Financial Officer . MR. F. FOSTER,

Deputy Clerk and Legal Adviser : MR. WILLIAM EPTON, Solicitor, Lincoln.

Medical Officer of Health : DR. W. SHARRARD, The Avenue, Lincoln.

Sanitary Inspector, Surveyor and Waterworks Manager :

MR. F. L. LEACH, F.F.A.S., M.S.I.A.

Additional Sanitary Inspector and Building Surveyor :

MR. E. CHEATLE, M.R.S.I., M.S.I.A.

Rating and Valuation Officer :

MR. L. H. KING.

Council Offices :

31 CLASKETGATE, LINCOLN.

Telephone 8617.

Waterworks Pumping Stations :

WELTON and BARDNEY.

The Chairman and Vice-Chairman act as *ex-officio* members of all Committees and Sub-Committees of the Council (except the Rating Committee).

On War Service, Sanitary Dept. : P. NEWLOVE and F. KEMP.

To THE RURAL DISTRICT COUNCIL OF WELTON.

Mr. Chairman, Ladies and Gentlemen.

As your Medical Officer of Health I have pleasure in presenting before you my 26th Annual Report.

Statistics and Social Conditions in the Area.

Area	...	...	...	...	...	83,712 acres
Population, 1945	...	...	...	...	...	12,520
Number of Inhabited Houses, 1944	...	...	...	...	...	3,831
"	"	"	1945	...	...	3,832
Number of families or separate occupiers, 1931	...	...	...	...	...	3,079
Rateable Value, 1944	...	...	...	...	...	£54,233
Penny Rate	...	...	...	...	...	£219

VITAL STATISTICS

Live Births :—	Total	M.	F.	
Legitimate	206	108	98	Total Birth Rate 18.05 per 1,000. (21.39).
Illegitimate	20	11	9	
Still Births :—				
Legitimate	8	4	4	Rate per 1,000
Illegitimate	0	0	0	Total Births 34(14)
Deaths	144	74	70	Crude Death Rate 11.5(12.62)

Number of women dying in, or in consequence of, childbirth	...	...	...	...	from sepsis	0
					from other causes	0
					Rate per 1,000 Births	0
Deaths of Infants under one year of age, per 1,000 births	...	Total	35.4			
Deaths from Measles (all ages)	...	...	...	...		0
„ „ Whooping Cough (all ages)	...	...	...	...		0
„ „ Diarrhoea (under 2 years of age)	...	...	...	...		0
„ „ Smallpox, Nil.	Scarlet Fever	...	...	...		0
„ „ Diphtheria	...	...	...	...	...	0

Cancer was accountable for 18% of the deaths :
total number of cases, 26(20)

Cerebral Hæmorrhage, 9.7% of the deaths.

Heart Disease, 29% and Influenza 4.9%. Pneumonia, 1.4%.

Infantile Mortality is well below that for England and Wales, and that for 126 great towns and County Boroughs.

GENERAL PROVISIONS of HEALTH SERVICES for the Area.

These are pretty well the same as in the year previous.

SANITARY CIRCUMSTANCES OF THE AREA.

Water. Samples taken :—

	1927-37	1938	1939	1940	1941	1942	1943	1944	1945
Found good	45	9	9	6	6	6	10	4	10
Found bad	61	1	2	6	1	2	1	1	0

General Water Supply.

Fractured or burst Water Mains occurred on 15 occasions in the parishes of Apley, Bardney, Fiskerton, Friesthorpe, Hackthorn and Reepham.

Over 188 million gallons of water were pumped from Welton Pumping Station during the year and 90% of this was treated or softened by the Permutit System from 30% hardness to 7% degrees. 75 new connections were made and over 500 taps or other fittings were re-washed, or new valves fitted, free to the public.

Lincoln Corporation supplies Saxilby, Burton, Riseholme, Part of Nettleham and Bunkers Hill districts.

HOUSING.

Housing Rural Survey.

In accordance with the Ministry of Health's instructions a survey of all houses under a rateable value of £16 is being carried out and these will be classified into 5 divisions. The work was commenced in August and a temporary inspector was engaged in June and every house is being card indexed. The Council were fortunate in engaging a good officer (Mr. Neave) to undertake this work and up to the end of the year some 456 surveys had been done showing about 56 houses to be unfit or of a poor standard. These will be regraded and reclassified before the end of the survey in order to arrive at a definite decision.

Council Housing.

A programme to erect new Council Houses has been started and various sites have been and are being obtained as rapidly as possible. This is a much harder task than was first thought, as many other authorities have now to be consulted and some considerable time must elapse before final consents are given. One's efforts seem to be frustrated on all sides and one wonders how we ever erected nearly 250 houses before the war, and with no guiding hand but our own. Those authorities who have building sites already can consider themselves exceptionally fortunate, but their troubles will begin when contracts are obtained for House Building as this is a full time job for one official.

With regard to property repairs, this has generally been very difficult on account of labour and materials which property owners have found to be very scarce.

Finally, I would add special attention will have to be paid to property whenever labour and materials become available generally.

Sewage.

As stated in our previous reports, schemes are held up and they will, I hope, go forward at the earliest opportunity.

They include the Parishes of :—

Bardney, Saxilby, Nettleham, Bunkers Hill District, Greetwell (part of), Welton, and other villages.

Scavenging.

Scavenging is carried out by Public Contract in the following Parishes :—

Full Scheme—Saxilby and Nettleham.

Part Scheme—*Dry Refuse only.* Bardney, Greetwell, Riseholme, Reephram, Fiskerton, Cherry Willingham, Barlings, Scothern, Dunholme and Sudbrooke.

All the refuse with the exception of Bardney and Saxilby is deposited at Nettleham Tip and is controlled by a full time workman engaged for this purpose. This work should in future be carried out by direct labour so that every village can have this essential public service.

Salvage.

During the year the following amounts were collected and sold.

Waste Paper	13 tons, 17 cwts.
Mixed Rags	11 cwts.
Bones	24 $\frac{1}{4}$ cwts.

These figures do not include Bardney Area up to August 1945, when we took over the collection from the Local W.V.S. Organisation.

Inspection and Supervision of Food.

The following items were condemned and destroyed.

		Tins				Lbs.
Meats (various)	...	26	Bacon	...	...	64
Fish	...	81	Shredded Suet	...	...	36
Milk	...	11	Flour	...	...	40
Beans	...	6	Biscuits	...	...	63
Peas	...	2	Wheat Flakes	...	...	6
Soup	...	1	Malted Food	...	...	302
			Sultanas	...	...	60
					Jars	
	Jams (various)	...	...	...	41	
	Lemon Curds	...	...	...	11	
	Beef Extract	...	...	...	44	
	Piccallili	...	...	...	2	
	Salad Cream	...	...	...	2	

In addition 2,639 lbs. of Semolina Mould and Pudding Mixtures were disposed of as Animal Feeding Stuffs after consultation with the Ministry of Food (Salvage Division).

Visits and inspections were made at the request of N.A.A.F.I. Canteens and Establishments at Aerodromes for our advice regarding large consignments of foodstuffs.

Dairies and Cowsheds.

Special attention has been given to this class of work, although the farmer is still handicapped by the *shortage of labour* and the demand for increased food production. There is still room for considerable improvement of conditions and warnings have been issued in a few cases.

Every assistance and advice is given to enable the farmer to bring his premises up to the standard required to produce a "Designated" milk.

There are 21 Accredited and 5 Tuberculin Tested Milk Producers in the area.

The total number of cowsheds is approximately 210, housing 2,000 cows or thereabouts.

Infectious Diseases.

Scarlet Fever. 20 cases occurred in the following Parishes :—

Barlings, 1 ; Carlton, South, 1 ; Fiskerton, 10 ; Greetwell, 2 ; Goltho, 1 ; Hackthorn, 2 ; Saxilby, 1 ; and 2 Non-civilian R.A.F. cases.

Diphtheria. Only one case occurred and this was in Saxilby village.

Measles and *Whooping Cough* occurred generally in the district, fortunately no death occurred from these diseases.

Prevalence of, and Control over, Infectious Diseases.

DISEASES	TOTAL CASES NOTIFIED	CASES ADMITTED TO HOSPITAL	TOTAL DEATHS
Small Pox	—	—	—
Scarlet Fever	20	2	—
Diphtheria	1	1	—
Enteric Fever (Paratyphoid)	—	—	—
Puerperal Pyrexia	—	—	—
Pneumonia	7	—	2
Encephalitis Lethargica	—	—	—
Ophthalmia Neonatorum	—	—	—
Erysipelas	—	—	—
Acute Polio-Myelitis	2	—	—
Cerebro Spinal Fever	—	—	—
Measles	52	—	—
Whooping Cough	26	—	—
Dysentery	3	—	—
Malaria (R)	—	—	—

Tuberculosis—New Cases in 1945.

Pulmonary—Male	Female.	Non-Pulmonary—Male	Female
6	5	3	1

SANITARY CONDITIONS OF THE AREA.

	1945
Total No. of New Houses erected during the year ...	0
(1) By Local Authority	0
(2) By other Local Authorities	0
(3) By other bodies or persons	0

1. Inspection of Dwelling-houses during the year.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	660
(b) No. of inspections made for the purpose ...	760
(2) (a) No. of dwelling-houses (included under Subhead (1) above) which was inspected and recorded under the Housing Consolidated Regulations, 1925 ...	456
(b) No. of inspections made for the purpose ...	456
(3) No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	56
(4) No. of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	251

2. Remedy of Defects during the year without Service of Formal Notice.

No. of Defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	82
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3. Action under Statutory Powers during the year.

(a) Proceedings under Section 9, 10 and 36 of the Housing Act, 1936 :—	
(1) No. of dwelling-houses in respect of which notices were served requiring repairs	6
(2) No. of dwelling-houses which were rendered fit after service of formal notices :—	
(a) by owners	6
(b) by Local Authority in default of owners ...	0
(b) Proceedings under Public Health Acts :—	
(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	9
(2) No. of dwelling-houses in which defects were remedied after service of formal notice :—	
(a) by owners	9
(b) by Local Authority in default of owners ...	0
(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :—	
(1) No. of dwelling-houses in respect of which Demolition Orders were made	0
(2) No. of dwelling-houses demolished in pursuance of Demolition Orders	0
(3) No. of dwelling-houses subject to undertakings	0
(d) Proceedings under Section 12 of the Housing Act, 1936 :—	
(1) No. of separate tenements or underground rooms in respect of which Closing Orders were made ...	0
(2) No. of separate tenements or underground rooms in respect of which Closing Orders were determined the tenement or room having been rendered fit ...	0

4. Housing Act, 1936—Part IV—Overcrowding.

(a) (1) No. of dwelling-houses overcrowded at the end of the year	26
(2) Number of families dwelling therein	34
(3) Number of persons dwelling therein	172
(b) No. of new cases of overcrowding reported during the year	6
(c) (1) No. of cases of overcrowding relieved during the year	3
(2) No. of persons concerned in such case	22
(d) Number of houses again overcrowded after being previously relieved	0

Common Lodging Houses 0

Canal Boats used as Dwelling-houses 0

1945

Movable Dwellings, Tents, Vans, etc.

No. inspected during year	...	...	...	...	...	16
No. of nuisances therefrom abated	...	...	...	...	...	3
No. removed from district	...	...	...	...	...	12

GENERAL CONDITIONS.**Bakehouses.**

No. in district	...	...	...	...	...	13
No. of underground bakehouses	...	...	...	...	...	nil.
No. of inspections	...	...	...	...	...	28
Contraventions of Factory Acts	...	...	...	...	...	2
Defects remedied	...	...	...	...	...	10

Slaughterhouses—Not in use during the war.

No. on register	...	...	...	...	...	13
No. of inspections	...	...	...	...	...	0
Contraventions of bye-laws	...	...	...	...	...	0
Defects amended	...	...	...	...	...	0

Cowsheds.

No. on register	...	...	...	...	...	210
No. of inspections	...	...	...	...	...	219
Contraventions of regulations	...	...	...	...	...	12
Contraventions remedied	...	...	...	...	...	10
No. of milch cows in district	...	...	...	...	(approx.)	2,000

Dairies and Milk Shops.

No. on register	...	...	...	...	...	19
No. of inspections	...	...	...	...	...	14
Contraventions of regulations	...	...	...	...	...	1
Contraventions remedied	...	...	...	...	...	1
Any instance of disease attributed to milk during the year	...	...	...	...	...	nil

Shops Act, 1934.

No. of shops inspected	...	...	...	...	...	22
Additional heating or ventilation	...	...	...	...	...	0
Additional sanitary conveniences	...	...	...	...	...	0

Water Supply.

Wells	{	New sunk	0
		Cleansed, repaired	3
		Closed, as polluted	0
		Area supplied	0
Public Supply	{	Percentage of houses supplied	75%
		New cisterns provided	0
		Cisterns cleansed, repaired, covered, etc.	0
No. of samples obtained for analysis		10	
(a) from wells		0	
(b) from public supply		10	
Any insufficiency and where—in remote villages		yes	

Drainage and Sewerage—Closets.

No. of houses with privy vaults in district	... (approx.)	1120
No. of houses with pail closets in district	... ..	1412
No. of pail closets substituted for privy vaults	... ..	1
No. of pail closets repaired	... ..	2
No. of water-closets substituted for dry receptacles	...	1
No. of houses with water-closets in district	(approx.)	640
No. of water-closets repaired	... ..	24

Drains.

Drains examined, tested, exposed, etc.		9
Drains unstopped, repaired, trapped, etc.	... ..	26
Waste pipes, rain water pipes, disconnected, repaired, etc.		1
New soil pipes or ventilating shafts fixed	... ..	10
Existing soil pipes or ventilating shafts repaired		2
Drains reconstructed		6

Sewers.

New lengths of sewer laid		2
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Tanks, Filter Beds, etc.

Alterations to sewage disposal works		0
Any inadequacy of sewage disposal works or complaints as before as to smells—		
Bardney and other villages same as 1940		Yes

Cesspools.

Cesspools rendered impervious		0
Cesspools emptied, cleansed	... ..	741
Cesspools abolished	... ..	0

Disinfection.

Rooms disinfected	... ..	19
(a) ordinary infectious disease	... ..	17
(b) tuberculosis	... ..	2
Rooms stripped and cleansed	... ..	8
Articles disinfected or destroyed	... ..	2
(a) ordinary infectious disease	... ..	2
(b) tuberculosis	... ..	0

House Refuse.

No. of covered ashpits	... ..	not known
No. of uncovered ashpits	... ..	not known
No. of bins substituted for ashpits	... ..	0
No. of houses using bins	... ..	(approx.) 1786
No. of complaints of non-removal	... ..	a few
Method of final disposal	... ..	Controlled tips

Nuisances.

Total No. of nuisances during year :—

(1) Abated as result of informal action by Sanitary Inspector	24
(2) Reported to Council (Statutory notice issued) ...	2

Details of Nuisances.

After informal information :—

Overcrowding	5
Smoke	0
Accumulation of refuse	14
Foul ditches, ponds and stagnant water	9
Foul pigs and other animals	11
Dampness	4
Yards re-paved or repaired	8
Other nuisances	12

GENERAL REMARKS**Diphtheria Immunisation.**

This is being kept constantly under notice and the results in terms of cases notified is ample reward up to now.

Milk is being produced under many difficulties both of labour and housing, and the purity of our milk supply must be kept under constant surveillance. The provision of good water supply, particularly as backed up by the War Agricultural Committees is of prime importance. Our aim must be pure water and electricity supply for every milk producer.

The trials of housing and other constructive work are fully appreciated by the Council. In this too we must be constant and assiduous.

Our population seems to be falling, and the Registrar General, when queries were addressed to him, said that the estimates "had been re-examined and there appears to be no grounds for their amendment."

The transition from War to Peace seems likely to be slower than seemed likely, possibly because of the totality of the former.

My thanks are again due to your Sanitary Inspector and his assistant for their steadfast services.

I have the honour to be,

Your obedient servant,

W. SHARRARD.

APPENDIX I.

CAUSES OF DEATH.

	M	F		M	F
1 Typhoid and para-typhoid fevers ...			18 Bronchitis	4	3
2 Cerebro-spinal fever	1		19 Pneumonia (all forms)	2	
3 Scarlet fever ...			20 Other respiratory diseases		
4 Whooping cough ...			21 Pepticulcer ...	1	
5 Diphtheria			22 Aneurysm ...		
6 Tuberculosis of respiratory system ...	2	2	23 Cirrosis of liver ...		
7 Other tuberculosis diseases		1	24 Other diseases of liver, etc. ..		
8 Syphilis			22 Diarrhœa, etc (under 2 years)		
9 Influenza	2	5	23 Appendicitis ...		
10 Measles			24 Other digestive diseases	3	
11 Encephalitis lethargica			25 Acute and chronic nephritis	1	4
12 General paralysis of the insane, tabes dorsalis			26 Puerperal sepsis ...		
13 Cancer — Duccal cavity and uterus	1	4	27 Other puepernal diseases		
Stomach & Intestinal	3	1	28 Premature birth ...	4	2
Breast		2	29 Congenital malformations, etc. ...	2	
All others	11	4	30 Suicide		
14 Diabetes		2	31 Road Traffic Accident		
15 Cerebral hæmorrhage, etc.	8	6	32 Other violence ...	1	2
16 Heart disease ...	20	23	33 All other causes ...	6	8
17 Other circulatory diseases	2	1			
			All causes	74	70

		M.	F.
Deaths of Infants under 1 year :—Total	...	6	2
Legitimate	...	5	1
Illegitimate	...	1	1

Live Births—		M.	F.
Total	...	119	107
Legitimate	...	108	98
Illegitimate	...	11	9

Stillbirths—Total	...	4	4
Legitimate ...	...	4	4
Illegitimate	...	—	—

Population	...	12,520
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APPENDIX II

BIRTH-RATES, DEATH-RATES, AND ANALYSIS OF MORTALITY DURING THE YEAR 1945.

	Birth Rate per 1,000 Total population		Annual Death-rate per 1,000 Population									Rate per live 1,000 Births	
	Live Births	Still-births	All Causes	Typhoid and Para-Typhoid Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea and Enteritis (under 2 years)	Total Deaths under 1 year	
England and Wales	16.1	0.46	11.4	0.00	0.00	.02	.00	.02	.02	.08	5.6	46	
126 County Boroughs and Great Towns, including London ...	19.1	0.58	13.5	0.00	0.00	.02	.00	.02	.02	.07	7.8	54	
148 Smaller Towns (Estimated Resident Populations 25,000 to 50,000 at Census 1931)	19.2	0.53	12.3	0.00	0.00	.02	.00	.01	.02	.07	4.5	43	
London	15.7	0.40	13.8	0.00	0.00	.01	.00	.02	.01	.07	7.6	53	
WELTON	18.05	.64	11.5	0.00	0.00	.00	0.00	0.0	0.00	0.56	0	35.4	

